WHAT IS CLAIMED IS:

 A device for applying varnish to an electric wire, comprising:

a trough-like container located below the electric wire in the prescribed moving direction so as to correspond to said electric wire; and

varnish dropping means located above the electric wire so as to correspond to said electric wire and including a tank for storing the vanish, a supplying tube which is communicated with the tank and through which the varnish is supplied and a flow-rate adjusting means for adjusting the flow-rate of the varnish to be dropped,

wherein the electric wire is movable in a prescribed moving direction at a prescribed speed, and said varnish dropping means drops a desired quantity of varnish toward the outer surface of the electric wire which is moving at the prescribed speed through the flow-rate adjusting means so that an insulating layer of varnish having a uniform thickness is formed on the outer surface of the electric wire.

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2. Adevice for applying varnish to an electric wire according to claim 1, wherein said electric wire is one of a plurality of electric wires, and said trough-like container and said varnish dropping means are provided so as to correspond to said plurality of electric wires.

3. Adevice for applying varnish according to claim 1, wherein said electric wire is moved at a speed of 3 - 120 m/minute, and said varnish is composed of the resin component which is a compound of one or two kinds of resins of polyamide, epoxy, polyimide, etc. and the solvent of cresol, xylene, xylol, ethylbenzene, phenol, methanol, ethanol, water, etc., the varnish W being composed of the resin component of 10 - 30 % by weight and solvent of 70 - 90 % by weight, and the varnish W has a viscosity of 1.0 - 35.0 dPa·s.

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A device for applying varnish according to one of claims 4. 1, wherein at a tip of said container in the moving direction of the electric wire, an applying dice through which the electric wire is passed is attached to a dice holder.

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- Adevice for applying varnish according to claim 1, wherein said container is detachably attached to an attaching plate provided upright on a tray through a holder.
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 - 6. Adevice for applying varnish according to claim 1, further comprising a drying furnace for drying and baking the varnish applied on the outer surface of the electric wire at the rear end of said dice holder.
- 25 7. Adevice for applying varnish according to claim 1, wherein said flow-rate adjusting means includes

a dropping nozzle attached to the tip of said supply tube;
an operating knob provided outside the dropping nozzle,
the inner aperture of the nozzle being adapted to be adjustable;

a nozzle holder fit in the outer surface of the dropping nozzle, and

a guiding member having a \supset shape in section, the guiding member being slidably fit in the outside of the nozzle holder in a direction orthogonal to the moving direction of the electric wire.

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8. Amethod of applying varnish on an electric wire comprising the steps of:

moving an electric wire in a prescribed direction at a predetermined speed;

dropping a prescribed quantity of varnish toward the electric wire, the prescribed quantity of varnish being adjusted using a nozzle; and

applying the varnish onto the outer surface of the electric wire to from an insulating layer of the varnish having a uniform thickness.

9. Amethod of applying varnish on an electric wire according to claim 8, wherein said electric wire is one of a plurality of electric wires, and said varnish is dropped independently toward each of said plurality of electric wires.

10. Amethod of applying varnish on an electric wire according to claim 7, wherein said electric wire is moved at a speed of 3 - 120 m/minute, and said varnish is composed of the resin component which is a compound of one or two kinds of resins of polyamide, epoxy, polyimide, etc. and the solvent of cresol, xylene, xylol, ethylbenzene, phenol, methanol, ethanol, water, etc., the varnish W is composed of the resin component of 10 - 30 % by weight and solvent of 70 - 90 % by weight, and the varnish W has a viscosity of 1.0 - 35.0 dPa·s.